

Wilcoxon tests for EC by joint L by Sex, Loc, LD

Wilcoxon test for EC for shoulder by Sex

Table 1: Wilcoxon test for EC shoulder Sex

statistic	p.value	method	alternati ve
758.5	0.00049 34702	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 2: Effect size for shoulder by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	F	M	0.34198 93	40	64	moderat e

Wilcoxon test for EC for elbow by Sex

Table 3: Wilcoxon test for EC by Sex

statistic	p.value	method	alternati ve
125.5	0.03128 708	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 4: Effect size for elbow by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
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.y.	group1	group2	effsize	n1	n2	magnitu de
EC	F	M	0.31254 36	12	36	moderat e

Wilcoxon test for EC for forearm by Sex

Table 5: Wilcoxon test for EC forearm Sex

statistic	p.value	method	alternati ve
1,437	0.03344 9	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 6: Effect size for forearm by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	F	M	0.18968 33	47	79	small

Wilcoxon test for EC for hip by Sex

Table 7: Wilcoxon test for EC hip by Sex

statistic	p.value	method	alternati ve
2,256	0.01130 918	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 8: Effect size for hip by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	F	M	0.20165 8	61	97	small

Wilcoxon test for EC for knee by Sex

Table 9: Wilcoxon test for EC knee Sex

statistic	p.value	method	alternati ve
191.5	0.15850 5	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 10: Effect size for knee by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	F	M	0.20512 3	16	32	small

Wilcoxon test for EC for foot by Sex

Table 11: Wilcoxon test for EC foot by Sex

statistic	p.value	method	alternati ve
312	0.66576 34	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 12: Effect size for knee by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	F	M	0.05688 239	15	45	small

Wilcoxon test for EC for shoulder by Location

Table 13: Wilcoxon test for EC shoulder Location

statistic	p.value	method	alternati ve
892	0.27531 69	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 14: Effect size for shoulder by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	Cemeter y	Church	0.10733 54	77	27	small

Wilcoxon_Loc test for EC for elbow by Location

Table 15: Wilcoxon test for EC by Location

statistic	p.value	method	alternati ve
195	0.45563 63	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 16: Effect size for elbow by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	F	M	0.31254 36	12	36	moderat e

Wilcoxon test for EC for forearm by Location

Table 17: Wilcoxon test for EC forearm Location

statistic	p.value	method	alternati ve
1,146	0.03030 367	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 18: Effect size for forearm by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	Cemeter y	Church	0.19322 01	93	33	small

Wilcoxon test for EC for hip by Location

Table 19: Wilcoxon test for EC hip by Location

statistic	p.value	method	alternati ve
1,838	0.18408 38	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 20: Effect size for hip by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	Cemeter y	Church	0.10584 1	123	35	small

Wilcoxon test for EC for knee by Location

Table 21: Wilcoxon test for EC knee Location

statistic	p.value	method	alternati ve
180	0.04362 176	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 22: Effect size for knee by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	Cemeter y	Church	0.29276 37	29	19	small

Wilcoxon test for EC for foot by Location

Table 23: Wilcoxon test for EC foot by Location

statistic	p.value	method	alternati ve
322	0.17234 21	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 24: Effect size for foot by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	Cemeter y	Church	0.17719 67	39	21	small

Wilcoxon test for EC for shoulder by Layer_dual

Table 25: Wilcoxon test for EC shoulder Layer_dual

statistic	p.value	method	alternati ve
1,100	0.34483 71	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 26: Effect size for shoulder by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	1	2	0.09296 385	37	67	small

Wilcoxon test for EC for elbow by Layer_dual

Table 27: Wilcoxon test for EC by Layer_dual

statistic	p.value	method	alternati ve
304	0.74002 06	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 28: Effect size for elbow by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	1	2	0.04939 169	23	25	small

Wilcoxon test for EC for forearm by Layer_dual

Table 29: Wilcoxon test for EC forearm Layer_dual

statistic	p.value	method	alternati ve
2,193	0.19955 56	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 30: Effect size for forearm by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	1	2	0.11450 4	53	73	small

Wilcoxon test for EC for hip by Layer_dual

Table 31: Wilcoxon test for EC hip by Layer_dual

statistic	p.value	method	alternati ve
3,150	0.75083 54	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 32: Effect size for hip by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	1	2	0.02540 31	68	90	small

Wilcoxon test for EC for knee by Layer_dual

Table 33: Wilcoxon test for EC knee Layer_dual

statistic	p.value	method	alternati ve
283	0.78856 22	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 34: Effect size for knee by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	1	2	0.04025 652	18	30	small

Wilcoxon test for EC

Table 35: Wilcoxon test for EC foot by Layer_dual

statistic	p.value	method	alternati ve
265.5	0.00924 9095	Wilcoxo n rank sum test with continuit y correctio n	two.side d

Table 36: Effect size for foot by Age

.y.	group1	group2	effsize	n1	n2	magnitu de
EC	1	2	0.33698 77	35	25	moderat e

Table 37: Wilcoxon tests for the EC scores of all functional areas by Sex, Location and Layer_dual

statistic	p.value	method	alternati ve
758.5	0.00049 34702	Wilcoxo n rank sum test with continuit y correctio n	two.side d
125.5	0.03128 70839	Wilcoxo n rank sum test with continuit y correctio n	two.side d
1,437.0	0.03344 89986	Wilcoxo n rank sum test with continuit y correctio n	two.side d
2,256.0	0.01130 91803	Wilcoxo n rank sum test with continuit y correctio n	two.side d

statistic	p.value	method	alternati ve
191.5	0.15850 49593	Wilcoxo n rank sum test with continuit y correctio n	two.side d
312.0	0.66576 34142	Wilcoxo n rank sum test with continuit y correctio n	two.side d
892.0	0.27531 69251	Wilcoxo n rank sum test with continuit y correctio n	two.side d
195.0	0.45563 63203	Wilcoxo n rank sum test with continuit y correctio n	two.side d
1,146.0	0.03030 36667	Wilcoxo n rank sum test with continuit y correctio n	two.side d

statistic	p.value	method	alternati ve
1,838.0	0.18408 37584	Wilcoxo n rank sum test with continuit y correctio n	two.side d
180.0	0.04362 17627	Wilcoxo n rank sum test with continuit y correctio n	two.side d
322.0	0.17234 21211	Wilcoxo n rank sum test with continuit y correctio n	two.side d
1,100.0	0.34483 71190	Wilcoxo n rank sum test with continuit y correctio n	two.side d
304.0	0.74002 05569	Wilcoxo n rank sum test with continuit y correctio n	two.side d

statistic	p.value	method	alternati ve
2,193.0	0.19955 56386	Wilcoxo n rank sum test with continuit y correctio n	two.side d
3,150.0	0.75083 53938	Wilcoxo n rank sum test with continuit y correctio n	two.side d
283.0	0.78856 21529	Wilcoxo n rank sum test with continuit y correctio n	two.side d
265.5	0.00924 90946	Wilcoxo n rank sum test with continuit y correctio n	two.side d